

**EXECUTIVE SUMMARY**  
**REQUEST FOR 2004 GREAT LAKES LEGACY ACT FUNDING**  
**Sediment Remediation Project**  
**Former Manufactured Gas Plant Site**  
**Marinette, Wisconsin**  
**Menominee River Area of Concern**

A sediment remediation project will be conducted in the Menominee River AOC at the Boom Landing boat launch facility in Marinette, Wisconsin. This site is near a former manufactured gas plant (MGP) site. Briefly, a temporary structure (likely either a Fas-Dam<sup>TM</sup> or steel sheet piling) will be placed around the area where MGP residuals have been recently identified (Figure 1 of Conceptual Design). This area will be dewatered by pumping the majority of the river water over the temporary dam back into the river. Smaller pools and pockets of water in the bottom of the dewatered area will be managed to control suspended solids before river discharge. Water that is in contact with MGP residuals will be pretreated and pumped to the municipal sanitary sewer under a permit from the City of Marinette. The exposed sediments previously identified as containing MGP residuals will be removed in the "dry" using standard excavating equipment. In areas within the temporary dam where MGP residuals were not previously identified, up to six test pits will be excavated to ensure that MGP contamination is not present. Further, several existing timber pilings outboard of the cove will be pulled to determine whether coal tar depositing has focused within the piling structures and/or boreholes. If no coal tar is identified after pulling pilings, the remainder of the pilings in the dewatered area will be sawed off at the sediment elevation. Lastly, an approach channel will be excavated for the City of Marinette in the shoaled area leading from the river channel to the municipal boat launch to remove an existing navigation impediment. We estimate that 2,100 cubic yards of contaminated sediments and 900 cubic yards of navigation sediments (a total of 3,000 cubic yards) will be removed.

The goals of this project are to:

1. Remove sediments, identified as containing MGP residuals, from the Menominee River adjacent to the Boom Landing boat launch.
2. Remove sediments and debris (including pilings) that impede navigation to and around the boat launch.
3. Provide a basis for the Menominee River Remedial Action Plan (RAP) to remove coal tar as a pollutant of concern.

Removal of sediments containing coal tar will eliminate this contaminant of concern and any co-occurring contaminants. Sediments will be removed based on visual occurrence of coal tar and sheens. A potential direct contact human exposure will be removed through deepening the area and removing coal tar. Ecological risk from PAHs will also be mitigated through removal of coal tar-impacted sediments